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PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/841,493

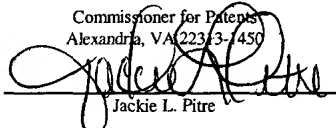
Confirmation No.: 4047

Filing Date: April 24, 2001

Inventors: de Rouffignac et al.

Title: IN SITU THERMAL  
PROCESSING OF A COAL  
FORMATION USING A  
MOVABLE HEATING  
ELEMENT

§ Examiner: J. J. Kreck  
§ Art Unit: 3673  
§ Atty. Dkt. No.: 5659-06500  
§

<p>CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8</p> <p>DATE OF DEPOSIT: 8-14-03</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to:</p> <p>Commissioner for Patents Alexandria, VA 22313-1450</p> <p> Jackie L. Pitre</p>
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INFORMATION DISCLOSURE STATEMENT

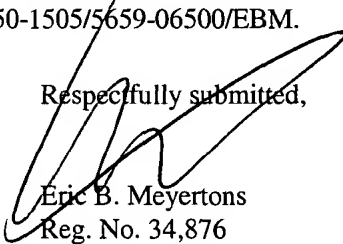
Commissioner for Patents  
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Sir:

It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 (T13-T54) be considered by the Examiner and made of record. Copies of the listed documents are enclosed for the convenience of the Examiner.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5659-06500/EBM.

Respectfully submitted,

  
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Date: 8-14-03

**Form PTO-1449 (modified)**  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

**ATTY. DKT. NO. 5659-06500**  
**APPLICANT: de Rouffignac et al.**  
**FILING DATE: April 24, 2001**

**SERIAL 09/841,493**  
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**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

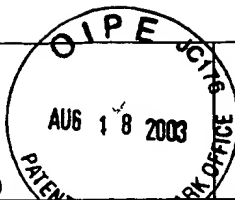
T13	✓	SSAB report, "A Brief Description of the Ljungstrom Method for Shale Oil Production," 1950, (12 pages).
T14	✓	Salomonsson G., SSAB report, "The Lungstrom In Situ-Method for Shale Oil Recovery, 1950 (28 pages).
T15	✓	"Swedish shale oil-Production method in Sweden," Organisation for European Economic Co-operation, 1952, (70 pages).
T16	✓	SSAB report, "Kvarn Torp" 1958, (36 pages).
T17	✓	SSAB report, "Kvarn Torp" 1951 (35 pages).
T18	✓	SSAB report, "Summary study of the shale oil works at Narkes Kvarntorp" (15 pages).
T19	✓	Vogel et al. "An Analog Computer for Studying Heat Transfrer during a Thermal Recovery Process," AIME Petroleum Transactions, 1955 (pages 205-212).
T20	✓	"SKIFEROLJA GENOM UPPVARMNING AV SKIFFERBERGET," Faxin Department och Namder, 1941, (3 pages).
T21	✓	"Aggregleringens orsaker och ransoneringen grunder", Av director E.F.Cederlund I Statens livesmedelskonmmission (1page).
T22	✓	Ronnby, E. "KVARNTORP-Sveriges Storsta skifferoljeindustri," 1943, (9 pages).
T23	✓	SAAB report, "The Swedish Shale Oil Industry," 1948 (8 pages).
T24	✓	Gejrot et al., "The Shale Oil Industry in Sweden," Carlo Colombo Publishers-Rome, Proceedings of the Fourth World Petroleum Congress, 1955 (8 pages).
T25	✓	Hedback, T. J., The Swedish Shale as Raw Material for Production of Power, Oil and Gas," Xith Sectional Meeting World Power Conference, 1957 (9 pages).
T26	✓	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand", 1955 Vol. 1, (141 pages) English.
T27	✓	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Figures", 1955 Vol. 2, (146 pages) English.
T28	✓	"Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Memorandum re: tests", 1955 Vol. 3, (256 pages) English
T29	✓	Helander, R.E., "Santa Cruz, California, Field Test of Carbon Steel Burner Casings for the Lins Method of Oil Recovery", 1959 (38 pages) English.
T30	✓	Helander et al., Santa Cruz, California, Field Test of Fluidized Bed Burners for the Lins Method of Oil Recovery" 1959, (86 pages) English.
T31	✓	SSAB report, "Bradford Residual Oil, Athabasa Ft. McMurray" 1951, (207 pages), partial translation.
T32	✓	"Lins Burner Test Results-English" 1959-1960.
T33	✓	SSAB "Annual Reports, SSAB Laboratory, Address Annually Issues-Shale and Ash, Oil, Gas, Waste Water, Analytical", 1953-1954, (166 pages). Swedish.
T34	✓	SSAB report, "Financial Matter, Swedish taxes, etc.," 1960-1961 (37 pages). Swedish

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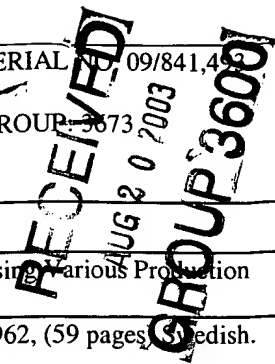
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APPLICANT: de Rouffignac et al.

FILING DATE: April 24, 2001

SERIAL NO. 09/841,4

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T35 ✓	SSAB report, "Cost of Mining," 1959-1979 (13 pages). Swedish
T36 ✓	SSAB report, "Cost Comparison of Mining and Processing of Shale and Dolomite Using Various Production Alternatives", 1960, (64 pages). Swedish
T37 ✓	SSAB report, "Assessment of Future Mining Alternatives of Shale and Dolomite," 1962, (59 pages). Swedish.
T38 ✓	SSAB report. "Kartong 2 Shale: Ljungstromsanlaggningen" (104 pages) Swedish.
T39 ✓	SAAB, "Photos", (18 pages).
T40 ✓	SAAB report, "Swedish Geological Survey Report, Plan to Delineate Oil shale Resource in Narkes Area (near Kvarntorp)," 1941 (13 pages). Swedish.
T41 ✓	SAAB report, "Recovery Efficiency," 1941, (61 pages). Swedish.
T42 ✓	SAAB report, "Geologic Work Conducted to Assess Possibility of Expanding Shale Mining Area in Kvarntorp; Drilling Results, Seismic Results," 1942 (79 pages). Swedish.
T43 ✓	SSAB report, "Ojematinigar vid Norrtorp," 1945 (141 pages).
T44 ✓	SSAB report, "Inhopplingschema, Norrtorp II 20/3-17/8", 1945 (50 pages). Swedish.
T45 ✓	SSAB report, "Secondary Recovery after LINS," 1945 (78 pages).
T46 ✓	SSAB report, "Maps and Diagrams, Geology," 1947 (137 pages). Swedish.
T47 ✓	SSAB report, "Styrehseprotholl," 1943 (10 pages). Swedish.
T48 ✓	SSAB report, "Early Shale Retorting Trials" 1951-1952, (134 pages). Swedish.
T49 ✓	SSAB report, "Analysis of Lujunstrom Oil and its Use as Liquid Fuel," Thesis by E. Pals, 1949 (83 pages). Swedish.
T50 ✓	SSAB report, "Environmental Sulphur and Effect on Vegetation," 1951 (50 pages). Swedish.
T51 ✓	SSAB report, "Tar Sands", Vol.135 1953 (20 pages, pages 12-15 translated). Swedish.
T52 ✓	SSAB report, "Assessment of Skanes Area (Southern Sweden) Shales as Fuel Source," 1954 (54 pages). Swedish.
T53 ✓	SSAB report, "From as Utre Dn Text Geology Reserves," 1960 (93 pages). Swedish.
T54 ✓	SSAB report, "Kvarntorps-Environmental Area Assessment," 1981 (50 pages). Swedish.

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